

**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Currently Amended) A sintered calcium phosphate comprising a bioactive glass as a sintering aid, said bioactive glass having a composition substantially comprising 30 to 60 mol % of CaO, 40 to 70 mol % of SiO₂, and 20 mol % or less of Na₂O, ~~said bioactive glass having a glass transition temperature of 790°C or lower,~~ wherein said bioactive glass is substantially free from P₂O₅ ~~and is a sintering aid in a sintered calcium phosphate glass,~~ and said sintered calcium phosphate contains a calcium phosphate comprising a hydroxyapatite, a carbonated apatite or tricalcium phosphate.
2. (Currently Amended) The ~~bioactive glass~~ sintered calcium phosphate according to claim 1, said bioactive glass further comprising CaF₂.
3. (Currently Amended) The ~~bioactive glass~~ sintered calcium phosphate according to claim 1, further comprising B₂O₃.
4. (Canceled)
5. (Currently Amended) The ~~bioactive glass~~ sintered calcium phosphate according to claim 1, wherein a difference between its glass transition temperature and its crystallization initiation temperature in said bioactive glass is 80°C or more.
6. (Canceled)

7. (Currently Amended) A ~~bioactive glass~~ sintered calcium phosphate comprising a bioactive glass as a sintering aid, said bioactive glass having a composition substantially comprising 30 to 60 mol % of CaO, 40 to 70 mol % of SiO₂, and at least one of Na₂O, CaF₂ and B₂O₃, Na₂O being 20 mol % or less, CaF₂ being 0.1-1 mol %, and B₂O₃ being 5 mol % or less, ~~said bioactive glass having a glass transition temperature of 700°C or lower~~ wherein said sintered calcium phosphate contains a calcium phosphate comprising a hydroxyapatite, a carbonated apatite or tricalcium phosphate.

8. (Cancel)

9. (Currently Amended) The ~~bioactive glass~~ sintered calcium phosphate according to claim 7, wherein said bioactive glass is ~~substantially~~ free from P₂O₅.

10-11. (Canceled)

12. (Currently Amended) A sintered calcium phosphate comprising a bioactive glass as a sintering aid, said bioactive glass having a composition consisting essentially of 30 to 60 mol % of CaO, 40 to 70 mol % of SiO₂, and 0.1-5 mol % of Na₂O, ~~wherein said bioactive glass is a sintering aid in a sintered calcium phosphate glass wherein said sintered calcium phosphate contains a calcium phosphate comprising a hydroxyapatite, a carbonated apatite or tricalcium phosphate.~~

13. (Currently Amended) A sintered calcium phosphate comprising a bioactive glass as a sintering aid, said bioactive glass having a composition consisting essentially of 30 to 60 mol % of CaO, 40 to 70 mol % of SiO₂, 0.1-5 mol % of Na₂O, and 0.1-1 mol % of CaF₂, wherein said sintered calcium phosphate contains a calcium phosphate comprising a hydroxyapatite, a carbonated apatite or tricalcium phosphate.

14. (Currently Amended) A sintered calcium phosphate comprising a bioactive glass as a sintering aid, said bioactive glass having a composition consisting essentially of 30 to 60 mol % of CaO, 40 to 70 mol % of SiO₂, 0.1-5 mol % of Na₂O, and B₂O₃, wherein said sintered calcium phosphate contains a calcium phosphate comprising a hydroxyapatite, a carbonated apatite or tricalcium phosphate.

15. (Currently Amended) The ~~bioactive glass~~ sintered calcium phosphate according to claim 12, wherein a difference between its glass transition temperature and its crystallization initiation temperature in said bioactive glass is 80°C or more.

16. (Canceled)

17. (Currently Amended) A sintered calcium phosphate comprising a bioactive glass as a sintering aid, said bioactive glass having a composition consisting essentially of 30 to 60 mol % of CaO, 40 to 70 mol % of SiO₂, and at least one of Na₂O, CaF₂ and B₂O₃, Na₂O being 0.1 to 5 mol %, CaF₂ being 0.1-1 mol %, and B₂O₃ being 5 mol % or less, wherein said sintered calcium phosphate contains a calcium phosphate comprising a hydroxyapatite, a carbonated apatite or tricalcium phosphate.

18. (Currently Amended) The ~~bioactive glass~~ sintered calcium phosphate according to claim 12, wherein said bioactive glass is substantially free from P_2O_5 .

19. (Currently Amended) The ~~bioactive glass~~ sintered calcium phosphate according to claim 17, wherein said bioactive glass is substantially free from P_2O_5 .

20-21. (Canceled)

22. (Currently Amended) The ~~bioactive glass~~ sintered calcium phosphate according to claim 1, said bioactive glass comprising CaO and SiO_2 in approximately equal molar ratios.

23. (Canceled)

24. (Currently Amended) The sintered calcium phosphate glass according to claim ~~[[10]]~~ 1, wherein said bioactive glass generates a β -wollastonite crystal at a crystallization temperature.

25. (Currently Amended) The sintered calcium phosphate glass according to claim ~~[[20]]~~ 12, wherein said bioactive glass generates a β -wollastonite crystal at a crystallization temperature.